

1917

Aug 16 ~ Sept. 29
~ Oct 17

Shelburne, N.H.

1917

Aug. 16

Cloudy and rainy, a little sun, mild.

This morning I wrote and read.

Finished "The Laughing Cavalier" by Georges Crecy. Intricately interesting. I don't read two novels a year. I sat some time at The Lodge with Miss Kirk & Miss Bull,

This afternoon we donned rubber boots and went over to Spottiswood swamp, north of the Yellow Trail in the Brighton & Hamlin pastures. It skirts the foot of Cabot west of the Red Trail as far as the rocky slope of Ingalls with the old sugar house. It sweeps the base of the slope and joins the woods on the Hamlin side. It is densely covered with alder, and is very boggy, especially in wet weather. We waded across at came out by the old sugar house, and didn't get to supper till 7 o'clock.

We called at the Thibauds after tea and I had a good talk with Frances.

1917

Aug. 17

Shelburne, N.H.

Friday

Cloudy, rainy at intervals or misty through the day, hard rain in the evening, cool, some thunder. Max. 65° F., only exceeded June 17, 62° ; June 29, 58° .

This morning was spent in work on my plants, letter writing, reading.

This afternoon, we walked in the mist down the road to the State line, a distance of two miles, making a fine mile walk - A granite post stands by the road, marked N on one side, and M on the other.

Tom Kirk & Tom Bull came in this evening and sat by the fire with us - I have enjoyed their visits to the ledge very much indeed. Tom Kirk goes to-morrow.

Juncus biformis L.

Roadside about $\frac{1}{2}$ m. below Wheeler's - With *Gyp. muralis*.

Gypsophila muralis L.

Roadside about $\frac{1}{2}$ mile below Wheeler's - Taken to show the persistence of the plant which I collected at same place Sept. 17, 1915.

Cephaelanthus occidentalis L.

The Button Bush behind the barn in the little enclosure is flourishing and in full flower. It has produced more shoots within the past two or three years, and there are a good many heads. Of late years there has been no fruit.

1917
Aug. 18

Shelburne, N.H.

Clear with cloud, cool -

It has been a glorious day, clear and cool.
This morning, Miss Brown & I drove to Lead
Horse Bridge and as far as the r.r. track. We
walked down on the track to the station and
home over the bridge. It was a new walk and
the views were very fine of the mountains north
of the river. I collected several plants, two
new to Shelburne, Panicum capillare, & Helianthus
annuus. I examined the vegetation carefully
and do not expect to find a new native grass.
The flora of the railroad is what one would expect
here. Home to dinner -

This afternoon I walked on my plants and
later we had callers Miss Shepard, Miss Weston,
Miss Bull, Mrs. Endale, Miss Stone.

Miss Kirk left by the P.R.R. train for
Portland and we waved from in front of
the piazza.

Evening at home. Constellations fine.

I collected the following in the gravelly
soil by the r.r. track.

Panicum capillare L. Single plant ^{2nd a. S. Hitchcock} Aug. 25. 1917.

" implicatum Scribn. ^{2nd a. S. Hitchcock} Aug 25/17.

Clematis virginiana L. 2 or 3 fl.

Tetraea vitacea (Kner) Greene

Solidago Randii (Porter) Britton

Aster radula C. Ait.

" nori beddii L.

Helianthus annuus L.

= P. subtillosum C. Presl
for C. A. Metherby. 1922.

1917
Aug. 19

Shelburne, N.H.

Clear early after clouding later, heavy rain in P.M. Then clearing, rain evening -

I have been at home to-day reading and writing - Cleaned plant dries - Miss Bull has been in town to-day.

Mrs. & Mrs. E. H. Abbot called this P.M. A number of the children came up to-day.

I had a good long talk this evening with Mrs. Abbot. I saw Celia & her husband who came to-day on their vacation -

The young basket birds must be very ^{breeds} near leaving their home - The old bird, still only one is busy all day, flying to & from feeding them. It is always a small insect that is carried in. The chattering of the young is plainly heard whenever the old bird arrives - Frequently on leaving the parent takes off the excrement of some bird -

This evening I had a long talk at the main house with Mrs. Abbot. She is very sympathetic -

Shelburne, N.H.

1917

Aug. 20

Cloudy, showery with plenty of thunder.

This morning I called on Bunnie and saw his collection of caterpillars. These are interesting. Among them was one of the Attacus Cecropia, a wonderful production.

Later I went over to the upper garden (vegetable) and staked a Crucifer that I hope will fruit. It was in good flower on the 15th inst., but it doesn't seem inclined to set fruit.

I have read some to-day and had callers. Mrs. Stone & myself, Clara Ementar and I was much pleased to see coming up the path A.S. Peale, with him his sister Mrs. Otis, wife of Dr. Otis, who tended Aunt Anna. It was all too hurried. Mrs. A.S. Peale, Henrietta and Mrs. Otis's boy remained by the car. They were returning from Bethel.

Evening at home. I had a nice letter from Mr. Wintrop Wetherbee & wife this evening.

After writing up this day, the thunder & lightning incessantly began to peal & flash for a long time. I never heard such continuous rolling flashing. At times the rain came down in sheets. This lasted about two hours.

Mrs. Thavis Carrie & Gauthier came this P.M. for a month. I was very glad to see them.

1917

Aug. 21

Shelburne, N.H.

Cloudy most all day, a little sun at intervals. A little rain.

This morning I staid at home reading going over my plants. Mr. Mrs. Smith & another called and we had a pleasant talk on the piazza.

This afternoon Miss Brown went over to the Scudder pasture and picked $3\frac{1}{2}$ qt. of blueberries. I did a little reading and then called on Dr. Mrs. Goodale. I found some ladies there and we sat together and I had to tell my Talking canary story & Snake story.

Shelburne, N.H.

1917

Aug 22 Sun and cloud, mild. Heavy low clouds
hung above most all day —

The strip of hay ~~that~~ has been lying ~~Haying~~
on the interval, s.e. corner, one good load, overall
cut on the morning of Sept. 13 was taken in
to-day for bedding. This practically ends the
haying! A bit of grass in lower interval by the
twin elms, some last season will be cut later.

This morning I walked to Bowls & Pitches
with Mrs. Gauthier & John Stone 5 $\frac{1}{2}$ yrs.
It was very pleasant. No birds - Mrs. Gauthier
filled my box with plants. We found some
large patches of Chionodoxa loaded with white
berries on which we feasted. I never ate
a number of them before. They are delicious.

This afternoon I staid at home. Calls from
Mrs. Emerton, Mrs. & Miss Gauthier. Miss 13 pt. jars
Brown picked 4 pts. blueberries & 3 $\frac{1}{2}$ pts. on the 21st blueberries
after 4 P.M. & put them all up to-day, 13 pt. jars.

Rob Greenough & wife came to-day for a day
or two. This evening in the old sitting room
I had a long talk with him about his work
in the Naval Hospital in Chelsea, and about
aeroplanes in France & tanks. Wonderful -

Radicula palustris (L.) Moench. Waste ground, Philbrick barn yard.
Solidago Latifolia L. destroyed, pm 3 p.m. -

Rich black soil, crowded away rocks on Yellow Trail near Bowls
& Pitches.

Cirsium concoloratum (L.) Hill

Several large plants near Bowls & Pitches. 10 ft 1 pt plant & piece of tall meadow
Eriogonum

Shelburne, N.H.

1917

Aug 23

Rain, rain most of the day, lowering with low clouds when not raining-

I have been at home most of the day busy about various things - I am expecting Prof. Hitchcock any time and I got all my grasses together for his inspection. A few of them are fuzzy -

This morning I went over to Prof. Emerton's and brought back ^{some} young plants of Oenothera Kamtschatica.

I have been studying to-day the last C. M. & Co. Guide Book following the trails that cover the White Mountain area. On July 19-22, 1880, Mayie & I with a party ascended Mt. Adams and camped in Lowe's camp. I have ~~had~~ diary - We reached Novell's Peak when a storm prevented us from reaching the summit - Lowe's path is still used. The trails are now innumerable - We were in Shelburne from July 10-31.

Ascent
Mt.
Adams
June 19-22
1880.

Mrs Brown has put up already 48 pint jars native of Seaside strawberries, raspberries & blue-berries, fruits having picked them all herself. She preserved has also put up 7 pint jars of string beans which she raised herself.

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Shelburne, N.H.

1917

Aug 24

Rain all last night and much of to-day. Clouds lying very low all day -

Prof. O. S. Hitchcock came by the morning train. I have been expecting him momentarily - I was so glad to see him. We walked up to the cottage and spent the morning talking & putting some of his grasses collected recently in press. He has 30 sheets of Zizaniopsis palustris. He has been collecting in the Adirondacks & at Lake Placid, N.Y.

After dinner we called on Prof. Goodall and had a very nice talk. Late we strolled down to the river where we found Agrostis alba. The river was too high to cross over to the island -

After supper we went in to the office and had a talk with Gus in regard to Hitchcock's proposed trip on the big range for alpine grasses. It is a question whether to take a man up in case of fog -

Prof. Hitchcock is full of information about Washington and his travels from Panama to the far west, the Hawaiian Isles etc. It has been a pleasant day -

This thin Southw. rolled bandage fits the pierce.
Leersia oryzoides (L.) Sw.

Border of Creek by road over it, opp. Farm House. A no. of plants,
Agrostis alba L.

River bank opp. Farm House. Told a S. Hitchcock
Several plants.

Shelburne, N.H.

1917

Aug 25

(1)

Heavy rain in night, clearing in AM. Cloud low, lifting, clear in PM. Evening - $\frac{1}{2}$ moon brilliant.

This morning, ^{about 7:30} the young Wrens were chirping merrantly in the basket and the old bird kept away from the basket calling at intervals. I watched the basket with much interest, all three of us. Soon two little heads appeared at the hole, chirping always. The heads were gradually stretched farther & farther out, retreating at times some, till finally one of younger, bolder than the others, pushed out and quickly was on the top of the nest or basket under the overhanging roof of the pixie. He looked around him and saw for the first time the outer world. What did he think of it? Soon he boldly sprang from the basket and flew in a straight line to the birch just north and 30 ft away — A few minutes after the 2^d one followed in the same manner, alighting on the same tree and disappearing, as did the former, among the leaves. A few minutes later no. 3 appeared in the same way and flew off alighting in the same tree. At this point Hitchcock & I went to breakfast after waiting till 8:15. Miss Brown returned from breakfast and took watch after we left.

There was still chirping in the nest no. 4 appeared at the hole and went back. Soon the parents bird came twice and fed them still in the nest —

Stockbridge N.H.

09/17

Aug 25

(2)

She then went off and kept calling from the bushes. She was answered by no 4 appearing at the hole. It did not go up to the top of the basket but flew round the basket and alighted on the flower box or the piazza railing. It rested there about two minutes before starting again and flying to the same bush nearby. About 9 o'clock no. 5 made its appearance at the nest hole and got up to the top of the basket where it remained several minutes before trying its wings. Then it flew and alighted in the flower bed ~~at~~ the base of the aforesaid bush. It quickly disappeared under the vine where the others were. This was about 9 A.M. The entire time of the emptying of the nest was almost $1\frac{1}{2}$ hrs. Silence prevailed in the empty nest and the neighborhood the rest of the day and probably no more will be seen of the birds. The nest hole faced away from the birch and yet every bird flew to the birch or in same direction and finally reached it. The old bird called from there and it was the nearest retreat. Whether any young bird had left the nest before 8.30 is uncertain, but I think not.

Shelburne, N.H.

1917

Aug. 25th

(3)

This morning Prof. Hitchcock & I went up to the cliffs at the foot of Crag. Gus took us to trip to point where we leave the road. On the way long cliffs in we saw abundance of Cyperus peregrinus and I could observe the difference in peregrinus, alba, vulgaris & hyacinthoides. The cliffs were as attractive as ever. The object of our visit was Leysseria racemosa. It was in perfect shape and Hitchcock laid out 30 sheets of it. I took several as they were in riper state than on my former visit. I also took several plants on the trip. It was a great pleasure to be with Hitchcock and hear him talk. He is much interested in all the vegetation, but of course, we would not discuss every grass. O. racemosa grows gins in dense clumps, chiefly at the further end of the base of the cliffs as we approach them. We got home to dinner — In the P.M. we worked over plants and talked.

In the evening Mr. & Mrs. Gauthier, Miss Sheppard & Miss Waters came up and saw the moon through the telescope. All were much pleased. Hitchcock made arrangements for his trip to the Peaks tomorrow — He drives to Crystal Cascade, and from there go through Tuckerman's Ravine and over to the A.M.C. Hut for the night, collecting grasses, especially at the head of the Ravine. The next day he will probably go round the cone etc. to Peasier letter. It looks like a good day to-morrow.

Shelburne, N.H.

1917

Aug. 25

(4)

I collected to-day:

Lycopodium obscurum L.

Gates woods foot of Cray

Panicum clandestinum L.

By woodroad in woods opp. red house (now remodelled & unpainted) Hamlin Farm. Specimens to show. Specimen to show autumnal state with panicles in sheath. Vide Gr. Man. p. 116.

Crypsis racemosa (Sm.) Ricker

In abundance in dense clumps at foot of Cray. In fine condition. Hitchcock took 30 spms.

Aquilegia alba L. Vide A.S. Hitchcock

Wood form. woods, light shade, Gates pasture.

Cypripedium parviflorum (Walt.) Tuckern.

Damp woods, light shade, between Cray & main road

Abundant. A separate clump in very wet ground, Gates pasture. Vide A.S. Hitchcock

Glyceria nervata (Willd.) var. ^{virginica} *pungens* Scribn. & Oliv. See Hitchcock, Sept. 16/918 "not until moist soil"

A curious wood form apparently *nervata*.

Hitchcock will study it. Gates woods s. of Cray.

Callopolytrum triloboides (L.) Michx.

Some ripe seeds, blue, base of cliffs, foot of Cray.

Circaeaa latifolia Hill

Base of Cray cliff, overripe, fruit common almost at touch.

I showed Prof. Hitchcock my grasses collected this season and he verified them. One, a *Glyceria* is peculiar. We went over these grasses this P.M.

1917

Shelburne, N.H.

Aug. 26.

Clear as crystal, some cloud in Am., wonderfully brilliant in P.M. & evening, moon dazzling, air cold; maximum 69° F.

This morning after a 6.30 breakfast Jim Brown & I accompanied Prof. Hitchcock in the car with Lawrence to the entrance to Crystal Cascade (19 miles) where Hitchcock started in on his mountain trip for alpine plants. We thought that was better than starting up the carriage road. The air was clear as crystal and the white clouds hung over the top of the mountain just at the head of Tuckerman's Ravine. I left Hitchcock starting off with long easy strides for the Ravine & A.M.C. Hut. Reached home about 9.30.

Then the rest of the morning was spent in attending to Hitchcock's & my plants.

In the P.M. Mrs. Macmillan called and I walked with her to the Emersons where were the Rafters - Mr. Rafter took his wife, Clara & me on a run to Gilead & back over the bridge at Gilead. We turned at Gilead & returned same way.

Wonderful sunset cloud effects. Moon just over half.

This evening I called on Francis Godale & his wife & saw all four - they are very attractive people - Francis & his wife join a party for Caribou tomorrow. How I wish I could go there and see the Paronychia.

Shelburne, N.H.

1917

-Monday -

Aug. 27 Clear as crystal, a light haze over the sun in the
(1) late P.M. and over the moon in the evening -

Very cool in early A.M., warm during the day -

This morning, we went into Spoffordwood Swamp where I wanted to see a Thistle that I had passed some days ago. It was straight canceolatum as I suspected. Set back 12:15 and then flashed to Mt. Caribou to the party that went up this morning. Flashed for some 30 minutes with a mirror from 12:15 to 12:45. The party reported that it was very visible. Distance in air-line 8 miles.

This afternoon we did blotters and cleaned Hitchcock's tiny plants. They are drying fast. Later Mrs. Sayres & Mr. Coggeshall called and we had a very pleasant time. They go Friday. Dr. Brewster called also -

This evening Miss Sauthier came round with some plants from the top of Caribou. Among some very common ones was Paronychia. Miss Swartzman who is with Miss Williams called. I hoped to show her the moon, but it is hazy and she must come to-morrow. Miss Sauthier called ~~also~~ on the bald ^{rocky} ~~Scandinavia~~; ^{~ 2828 ft.} I put in press those checked - the set.

Paronychia argentea (Wilk.) Nutt., var. albinervosa Fernald

Arenaria groenlandica (Retz.) Sprng.

Potentilla tridentata L.

Vaccinium Vitis-idaea L., var. minus Lodd.

Solidago Randii (Porter) Britton,

var. maritima (Porter) Fernald.

She saw Cornus canadensis, Vaccinium pensylvanicum & canadense on the summit.

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Shelburne, N.H.

1917
Aug. 27
(2)

— Adult Bald Eagle —

At half past four this afternoon I happened to step out on to the piazza and I saw indistinctly an object swoop up from the river just to the right of The Knobble, and then I saw a white spot against a tree on the further side of the river. I should not have seen a. noticed the white spot, but for the motion preceding it, as the distance is about one third of a mile. I immediately turned the 3-inch telescope on to the object and to my astonishment there stood a magnificent adult Bald Eagle fully exposed on a dead branch some 30 feet above the water. His head, neck and tail were snowy white the rest of his parts a rich fuscous. He was, of course, perfectly at ease, no crows were about to molest him, and I watched him for fully half an hour, as he stood there At first he was facing to the right, and after a while he spread his long wings and turned to the left, always commanding a view of the river. The air was very clear and I could see with perfect distinctness the individual feathers. His attitude was very fine, especially when his head was in profile and his long powerful curved bill looked menacing. Occasionally he preened the feathers at the head of the wing, but he spent the time mainly

Shelburne, N.H.

1917

Aug. 27 in looking about. It seemed at times as if
(3) he was gazing straight at me and re-
senting my intrusion.

Once he bent far forward, as if about to
swoop, but he raised high his tail and
sent out a thick stream of pure white
offal.

At last he did swoop off and he looked
enormous as he quickly passed out of
the field of view. Even with my naked
eye I followed him for about a third
of a mile as he swept up stream some
25 or 30 feet above the water. The white
areas at each end of the body were plainly
visible throughout his flight.

I have seen the Bald Eagle a num-
ber of times in Shelburne, but only once
have I noted an adult. The bird
is common about Lake Umbagog, but
Mr. Brewster tells me that during all
his experience there he could get no
evidence of the bird breeding about
the Lake. It doubtless ^{breeds} on the high
~~trees~~ cliffs back from the Lake.

My 3-inch telescope never served a
better purpose than in bringing into such
splendid view this noble bird.

Three ladies saw the flight with me.
I kept my eye at the telescope practi-
cally incessantly during this half hour.
I wanted to see the final swoop, and I did.

Shelburne, N.H.

1917

Aug. 28 Clear in AM, cloudy P.M. Evening, air cool at times, and quite warm at others.

I worked over our plants mainly this morning - I want to get Hellebores dry before he returns, while I shall be to-morrow. Mrs. Thru's Sanitarie came up about 11.30 and did relief work with Miss Brown on the piazza. I sat with them part of the time.

In the afternoon I drove with Gus, Mr. & Mrs. Abbot & Lawrence to Gorham - Did errands and had my hair cut.

Later Miss Lowell called and I sat with Bald her on the piazza some time. He saw a Bald Eagle soar over the valley. He was a good adult, but the white parts were not as clear as in my bird of yesterday.

A Fish Hawk flew over the river and circled round and once plunged down into or on to the water.

In the evening I sat on the porch at the farm a while. Talking. Clara Emerton played for us informally on Polly Stone's violin -

On returning to the cottage I found Mrs. Ellery Clark here with Miss Brown. She came on the P.M. train & is here for a rest. Ellery is well, but has no work. She told us about the Weatherbeers - Alice has shown much character through all the troubles -

Shelburne, Vt.

1917

Aug. 29 Heavy low-hanging clouds all day with more or less rain - mild.

This morning we made arrangements with Miss Lowell and for a few days she is to be with us except in at night when she has her room at the Johnsons.

After breakfast we came up to the cottage and I worked over Hitecock's plants, took all out of pots and do them up.

At ^{12.25 PM} I stepped out to the piazza and saw the same Bald Eagle swooping up to his perch as before, on the 27th Aug., All hurried out and we had the same experience with the telescope. We even went down with Goodale and Mrs. Goodale, Francis, his wife & little girl came up, and all saw the noble bird as long as they pleased. He remained there till I went to dinner at 1:30 and on my return about 2 P.M. he still was there, but in a few seconds swooped off behind the Knobble. All observed his various movements with the deepest interest. He twice raised one foot and stood on one leg, his bright yellow claws standing out very prominently in the characteristic fashion.

Later we three with Frances Johnson & her Clark walked to the Station and back and on my return at 4 P.M. there was the Eagle as before. As we approached the bridge on our return we saw the Eagle soaring over the interval east of us -

Stellburne, N.H.

1917

Aug 29 He was in the same tree later in the Pm.

(2) It is evidently his perch -

Later in the Pm. Prof. Hitchcock suddenly appeared. The auto had gone over to the Glen to meet him by telephone, and I hadn't known of it. He is well & bright and has accomplished everything he went for and has covered far more ground than I ever imagined he would. He had a complete change into dry clothing and we worked the rest of the afternoon & evening putting his glasses into focus, that is some of them. Tomorrow will be a busy day -

Miss Lowell has been with us to-day and we have enjoyed it very much.

A. S. Hitchcock's Botanizing trip over the Highrange of the White Mts.

I bade Prof. Hitchcock good bye at the entrance to Crystal Cascade on Sunday August 26 about 8.30 A.M. He followed the trail up to the Raymond path past the C.M.C. Camp & Hermit's Lake up the wall of Tuckerman Ravine to the plateau above. There he ascended the cane to the summit of Washington to get the view. Then he descended to the C.M.C. Hut by the Lakes of the Clouds. Having some time before supper there, he went down into Oakley Gulf & some 1000 ft. to look for passes. He spent the night in the Hut with some

Shelburne N.H.

1917

A. S. Hitchcock's collecting trip -

Aug. 29 two dozen people,

(3) Sunday morning he took the West side & Gulf side trails to Madison Hut, ascending Mt. Adams to its summit on the way.

Tuesday he took the Buttress Trail down into the Great Gulf, and connected with Six Hubsants Trail which ascends Mt. Washington and crosses the Carriage Road at the 6 mile Post. Thence he continued on this trail to the Alpine Garden and on to the C. & H. C. Hut for the night.

Wednesday he went through the Alpine Garden again and descended Huntington Ravine in a steady rain, crossed the dangerous slide and kept on to the Raymond Path and on that to the carriage road and thence to the Glen House in the Pines. He telephoned here & an auto went for him and he was safely landed at one cottage in the late Pines.

The weather was good till Wednesday when there was much rain. He had a Knap sack and a slate press with thin white sheets merely. He collected grasses only, put them into the sheets and they staid there till his return and kept perfectly fresh and were partly pressed. We put everything into presses perfectly and he had some 450 sheets. They were mostly in sets of 30 sheets. Hitchcock was not at all fatigued after this strenuous work.

1917

Some localities for Alpine Grasses

- Aug 24 ~ *Agropyrum caninum*, v. ^{(Ch.) Beauvois.} *Hornemannii* (Koch) Presse & Moore. ✓
- (4) Head of Oakes Gulf, Tuckerman's Ravine; upperpt. of Huntington R. ✓
- *Agrisus borealis* Hartv. Common present above tree-line ✓
 - *Calamagrostis canadensis*, Widely distributed, most places, above or just below tree-line ✓
 - *C. hyperborea* Langle. Crawford Notch along R.R. below gateway. L?
 - *C. hirsutissima* (Lindb.) Voss. Above 5-mill sign on W. Washington Railroad ✓
- Road. &c. too near the last at times.
- Gaertneria*, Meyer & Schlecht.
- *C. neglecta* (Lindb.) Hartv. Crawford ✓
 - *C. Pickeringii* Gray (Heddy) Hitchc. (incl. var. *lacustris*). Near Lake of Clouds, Head of Oakes Gulf? ✓
 - *Dactylis glomerata* (L.) Schlecht. Head of Oakes Gulf; Tuckerman's Ravine; Huntington's Ravine, Head of Great Gulf. King's Ravine. ✓
 - *D. flexuosa* (L.) Willd. Frequent above tree-line. ✓
 - *Festuca rubra*, v. *prolifera* R.Br. Head of Great Gulf, &c. ✓
 - *Hierochloë alpina* (Sw.) R.Br. Head of Oakes Gulf; Huntington's Ravine. ✓
 - *H. odorata* (L.) Nash. near Storm Lake. ✓
 - *Phleum alpinum* L. Head of Oakes Gulf; Tuckerman's Ravine; Huntington's Ravine, Head of Great Gulf. ✓
 - *Poa glauca* Vahl. Huntington's Ravine; Crawford Notch. ✓
 - *P. laxa* Haeckl. Common present above tree-line. ✓
 - *P. nemoralis* L. Head of Oakes Gulf. ✓
 - "*P. pratensis* L." " " " " Huntington's Ravine, ✓
 - *Tritisetum spicatum* (L.) Richter, var. *pilosiphilum* Fernand. Alpine Garden; Head of Great Gulf. ✓

Copy of list rec'd fr. C. S. Pease on

Aug. 21, 1917 at Shelburne for the benefit
of Prof. C. S. Hitchcock -

Prof. Hitchcock on his trip (Aug. 26-29) collected
those sps. checked besides *Cimia californica* &
Helictis striata, ^{a few others} about 450 sheets in all. 447 sheets

1917

Aug 29

(5)

Dear Mr Deane

I should advise that Professor Hitchcock start from the Glen House and go by his Washington carriage Road (to 2 mile point), through Raymond Path, up Tuckerman's Ravine, and from its top cross over to the Lake of the Clouds Hut (food & lodging furnished) } 1 day

The head of Oakes Gulf is but 5 minutes distant from there. By the Westside Trail he can skirt the cone of Washington to the Head of the Great Gulf and thence, by trail, carriage road, & Six Husband's Trail swing round the cone of Washington to the Alpine Garden - Great care should be used if he descend from here into Huntington's Ravine (dangerous to descend save for those who know the way and are good climbers). Back by 6 Husband's Trail to head of Tuckerman's Ravine and Lake of Clouds Hut. } 2^o day

Down by Crawford Path to Crawford House and Notch. He should have the A.M.C. guide book or the maps in it, and get his bearings well, in case of cloud. } 3^o day

I am very sorry that I have to write this in great haste.

A.S.P.

Copy of letter received with above list -

Cambridge Mass.

Grazes collected by C. E. Hitchcock

1921. on his trip over the White Mts. of N.H.

Feb. 18. (cont. 26-29. 1917 - The same in a list
of grasses from Washington D.C. Nov. 8. 1920.
The nomenclature is this..

- | | | |
|---|---|---------------------|
| 1 | <i>Aegopodium volucareum</i> (Hornem.) Langl. | W. White Mts. |
| 2 | <i>Lilia albo-purpurea</i> Wahl. | " |
| 3 | " <i>flexuosa</i> L. | " |
| 4 | <i>Cularia rotundifolia</i> (L.) S. & G. | near W. White Mts. |
| 5 | <i>Melica purpurascens</i> (Lam.) Hitchc. | W. Washington |
| 6 | <i>Poa glauca</i> Wahl. | " |
| 7 | " <i>lata</i> Haenke | " |
| 8 | <i>Tovaria alpina</i> (Sw.) Hitchc. | W. White Mts., clay |

- Synonyms of above -

- 1 *Aegopodium caninum* (L.) Beauvois.
var. *Hornemannii* (Koch) Rease & Moore
- 2 *Deschampsia albo-purpurea* (Wahlb.) Schlecht.
- 3 " *flexuosa* (L.) Trin.
- 4 same as above
- 5
- 6 same as above
- 7
- 8 *Hierochloë alpina* (Sw.) R. & S.

Shelburne, N.H.

1917

Aug. 30 Rainy day clearing in evening -

Prof. Hitchcock & I have spent this A.M., & P.M. putting his plants into boxes. There are some 450 sheets in all. This morning, after breakfast Miss Brown & I auto'd to Gorham to Dr. Bryant's. He looked at my little finger of left hand which has been swelled and very sore at the top for about $1\frac{1}{2}$ weeks. I am to poultice it to bring matters to a head. It is very annoying & most unusual.

I have called into service most all of my pressing material & presses for the grasses and I shall dry them and send them down to Washington later -

It has been a great pleasure to have Prof. Hitchcock with me & to help in any way.

Zizaniopsis aquatica L.

Plattsburg, N.Y.

Shallow water of Lake Champlain near
the Round House - Aug. 22, 1917
Coll. C. S. Hitchcock -

Prof. Hitchcock gave me a specimen to-day.

Shruburne, N.H.

1917
Aug. 31
(1)

- Friday -

Clear, calm, balmy, perfect. Max., 76° F.

This morning Prof. Hitchcock packed his trunk and Miss Bonn attended to my finger which had to be soaked & poulticed.

Then Hitchcock & I took a last walk, round Wheeler's Pond, nearly to Cross Notch & back through the woods to Evans' home by the road - I studied Ligrostis alba, vulgaris, hyemalis & perennans as all were by the road. In one place alba, vulgaris & perennans were close together. I showed Hitchcock Panicum clandestinum for the first time. I was pleased when we found humboldtia racemosa (Kirby) S. S. In Evans' potato patch we took a pile of straw & paved Millet for sets. Returning home, he worked hard. The millet was divided into thirty specimens, they were put into boxes and packed in the truck as they will keep till they are laid out properly in Washington. I shall attend to all the alpine grasses and send them to Washington. One of each set will be sent to me later.

After dinner the last things were done Prof. Hitchcock and at 3.45 I drove over to the station with my good friend for the Blue. He will get to Washington to-morrow afternoon. I have enjoyed his visit very, very much. I learned much from him and he is so kindly and good natured, that it is a pleasure & profit to be with him.

Shelburne, N.H.

1917

Aug 31. I collected to-day:

(2) Panicum tennesseense Ashe.

Sandy roadside near Wheeler Pond,
Humboldtia racemosa (Hickby.) B8 P.
 Sandy roadside near Wheeler Pond
 on the road leading north.

Aegopodium alba L.

Wood form, light shade road to Cross West
 from Wheeler Pond.

Cyperus repens L.

Dry roadside near school house east
 of the Farm. Form with double
 spikelets.

Humulus Lupulus L.

Fruit from fence opp. R.R. Sta. same locality
 as June 16.

Camaranthus gracilans L.

Prostrate between the rails of the siding
 in front of the R.R. Station. Bracts pubescent
 pointed, seeds 0.8 mm. broad. Yet prostrate.

(The above grasses are from A. S. Hitchcock Aug. 31, 1917)

This afternoon I found 3 bats behind Bath
 one of the blinds of the sitting room
 on the south side -

Joe W. Shantz
 Aug 31 1917

Shelburne, N.H.

1917

~ Saturday ~

Sept. 1 Heavy clouds all day, some rain, damp - cool.

This morning I drove to Enfield with Miss Broom, Miss Sauthier & Clara Weston. Called at Dr. Bryant's. He examined my finger - the sore broke before I started, but I thought he had better see it. The turn has come for the better. It has been extremely sore & painful -

On our return we asked Miss Sauthier to come up at 12 M, it being Miss Sauthier's birthday. She is 36 yrs old. We had flowers and cards & photos &c for her and a pink drink - It was all very pleasant -

Miss Crisfield arrived this morn in her car with her friend, Ives Buhler, a young Frenchman, 24 yrs old. Miss Crisfield will stay with us till Monday when she must return home. This afternoon I have read, written, and seen Miss Lowell & Miss Crisfield here -

Evening at home -

Mr Buhler is in Portland, being treated for curvature of the spine. The French government allowed it. He has taken out papers for naturalization, and will become a citizen. He is going to Harvard next year to get his degree in 3 yrs.

Shelburne, N.H.

1917

Sept 2

Light clouds and sunshine in Am. mts in P.M.
Smart rain storm between 5 & 6 P.M. Evening
clear & cloudy. Moon brilliant -

This morning we worked over Hitchcock's
plants. They are drying nicely. I also wrote
Letters. Miss Crisfield went up to the pines
and rested there -

Two old Wrens were chirping about the Wren's
cottage this morning about the old haunts
of the basket Wrens. Were they the old pair?

This afternoon Miss Crisfield, Miss Brown
& I walked over through the woods to the
Hamlin back pasture and visited the
old cabin by which grows some Catnip.
We sent some to Miss Crisfield recently &
we took more this time. The woods
were very beautiful. Lundberg carpeted
spots running over dead logs, and young
pines, spruces & hemlocks covered mossy
areas. We returned home and Miss C.
& I went over to the Emertons and sat
there a while. A very smart flower
came in while we were there. The
Lilium auratum is half open in some
of the flowers.

After supper I sat on the farm porch
some time with Mrs. & Miss Gauthier.

Pilea pumila (L.) Gray -

Damp shade, rich soil, wood road. Hamlin woods.

Abundant by roadside in one place -

1917

Sept. 3

Clear, with clouds, cool -

Shelburne, N.H.

This morning Miss Brown & I worked over the Hitchcock grasses. I was much pleased to find that the whole set excepting a few sheets were cuttings dry. They are now arranged in consecutive numbers and all those of one number are in a separate cover. I imagined that there would be much more work.

I must later on them up in bundles of not more than 4 lbs. each & pack them on. I enjoy the work very much -

Later in the morning we went over to the Hamlin woodroad where I got yesterday Pilea pumila. There plenty of it in two Pilea pumila places some one hundred feet apart. Many young plants are coming up. It spreads freely. I took a number of specimens as it is a new plant for Shelburne, ^{this afternoon Miss Brown went blueberrying 7 pts. of she returned with seven quarts by measure} I staid at home, wrote a long letter to blueberries Silver Cellar, did some accounts and did some botanical work.

I had a very nice call from Dr. H. S. Goodall, Miss Doulin called to show Miss Brown the prospectus of the institution in Boston where she is studying.

I had a nice letter from Alice to-day. She is facing bravely her second. She will be 15 yrs old on Dec. 16. Gus invites Miss Brown & me to Depville hotel to-morrow.

Pilea pumila (L.) Gray

Same locality as yesterday - See note above

Stellbrunn N.H.

1917 Plants collected at Dixville Notch - N.H.
 Sept. 4 The notch is less than 2 m. long, the highest point on
 (4) the highway being 1990 ft. Dixville -
 Grafton.

Carex alba L. var. *vulgaris* (Witt.) T. & G.
 near the highest point in the wood, dry soil.
Carex lyngbyei (L.) B. S. P. ssp. *lyngbyei*

Canna latifolia (L.) Griseb.

Wet rich soil at west entrance to Notch.

Juniperus trifida L.

In close patches, summit of road, gravelly soil.

Juniperus filiformis L.

By the road near summit of pass.

Carex Crawfordii Fernald, var. *rigens* Fernald

By the road near summit of pass.

Carex debilis Michx., var. *Rufescens* Bailey.

By the road, near summit of pass. Gravelly soil

Sphagnum amplexifolium (L.) Dic.

Shaded bank, rich soil, just w. & close to the Notch

Drosera rotundifolia L.

Shaded mossy bank near the summit of pass

Rhus hispida Pall., var. *virginica* (Willd.) Fernald

Onoclea *pallens* Nutt. Unspotted form.

Shaded bank rich soil roadside by Lake

Gloriette just west of the Notch. It grows
 abundantly for some 50 feet, new to me.

Glyceria Torreyana (Spreng.) Hitchcock

At Screw Auger Falls in rich black mud
 in shade. very abundant in one place
 some 10 ft across, but rather late for
 collecting - Grafton -

Thuya occidentalis L.

End-sized tree, woods, foot of lake Umbagog, Coos Co., N.H.

1917

Sept. 4

(1)

Trip to Dixville Notch, Lake Umbagog
and Evaften Notch -

Absolutely clear with fleecy clouds, cool.

This morning at about 8:45 a party consisting of Mr. Philbrick, Mrs. Ellery Clark, Mrs. & Miss Gauthier, Miss Brown, Mr. Edwards at the wheel & myself left for a day's trip. Mr. Philbrick had business in Colebrook. We drove straight to Dixville Notch, via Sorlham, Berlin, Milan, Dunmar, Cambridge, Enon, Millsfield & Dixville. The smoothness of the roads, the clearness of the air, and the freshness of the air and all nature made the drive an exhilarating one. Goose eye and Saddleback stood out boldly against the sky. The firs in the 13-mile wood were little needles against the sky and the cones crowded at the tops sparkled in the sun like Christmas candles. We went across the Clear Stream by the covered bridge and saw neatly dressed boys and girls at the school near by dancing round a flag pole as if it was May. I wore in the car my knit jacket and ulster! At 2 o'clock we turned west and covered the rest of the 55 miles to the Notch. The mountains closed in as we approached and at last we were going up the slope. The grandeur of the scenery is beyond description. The bold rocky sides rise almost perpendicular on either side of the road. Table Rock one of the high rugged bald peaks rises 700 ft above Lake Koutette.

1917

Sept 4 which is at the west end of the Hotel. We
 (2) stopped at summit of the highway ^{at 11:30} at an elevation of 1990 ft. and Mr. Philbrick drove on to Colebrook. Our stay at this wonderful spot for 3½ hours was one of wrapped wonder and awe at the grand sights about us, and for me one of deep interest in the vegetation round me. The northern plants like Ledum groenlandicum, Cetraria islandica, Vaccinium vitis-idaea ran minus & while occur in the valley here rather sparingly carpeted the ground in the hotel. I was particularly pleased to find Fucus trifidus at the summit Fucus of the highway in gravelly soil among trifid rocks in dense tufts. The elevation is 1990 ft. Another plant pleased me much for it was to me a new plant, Impatiens pallida. The pallida paled unspotted yellow flowers were like jewels along a bank of rich soil under the trees of Lake Storiette, an artificial pond made by damming the brook Hawk Stream which flows from the west side of the hotel into the Connecticut River. The Clear Stream flows from the east side. The ladies picked mountain cranberries which were extremely abundant and were dried about as I did - I collected a number of plants, and I listed quite a number in my Check-list.

1917
Sept. 4
(3)

34

We lunched under the beetling cliffs of Table Rock and at 3 o'clock Mr Philbrick appeared and we drove on to Errol, crossed the Androscoggin, climbed Errol Hill and descending on the further side Lake Umbagog burst into view. We had a good view of the southern end of the lake and Mr Philbrick took us up a slope in a field by the road where we had a splendid outlook over the lake. Melatic Island lay before us, and with my glass I could plainly see the buildings put up by Mr Dutton of Houghton & Dutton. We passed through the notch between Saddleback & Speckled Mt, and the view of view of these two mountains as we approached them is splendid. We stopped at Crew Craggs Falls and saw the wonderful formation and then sped on, crossing the Androscoggin at Bethel and returning on the south side of the river with the wonderful peaks afterglow in the west cut veins here along the way. We reached home by 7.30 tired a bit perhaps, but filled with precious memories of the glorious trip —

1917

Shelburne, N.H.

Sept. 5

Clear, cool, with some cloud - Northern lights
in the evening very fine.

I have been busy to-day over the re-
sults of yesterday - It takes time put into
press plants and note them properly in the
journal, and record the events of such a
trip as we took.

I called at the Emmons's in the after Lilium
noon to see the Lilium auratum that is auratum
now beginning to flower. There are three
big flowers out now, and lots of buds of all
ages on the eight or nine plants, so the flow-
ering stage should last a good while.

I think I never had so many letters,
six came to-day. I am more than sorry
to bear from Mrs. Chamberill that the
Judge is having trouble with one eye as
well as one ear. It is the bursting of a
blood vessel at the back of the retina
of the eye and also in the inner ear.
He must be very careful in many ways
and I hope the trouble will not be long
in passing away.

Shelburne, N.H.

1917

Sept 6

Rain this Am., heavy clouds all day. Brilliant sunset

I have been pretty busy to-day at home. Miss Christensen & friend came up this early P.M., and I went over some grasses with Miss C. About the same time I was surprised to see Fernald & ^{Fernald} Pease coming up the avenue. I gave Pease them a cordial greeting. They could appear not stay long as there was a train to catch for Fernald. They had been botanizing in Colebrook & had spent last night in Errol and to-day had been over the Shelburne roads. Fernald is deep in Rubus and discards the hybrid theory. He says there are any number of good species up here. The back of the auto was packed with Rubus. They shook hands with Dr Grodall before leaving.

Later Mrs. W^m B. Gonzalez, sister of Miss Susan Sheppard called & drove with her round Lead Mine Bridge to show her the favorite haunts of his sister & aunt. She spent the night at the Evans Cottage. She has been with her invalid aunt near Portland & returns there to-morrow -

I worked on my plants this morning.

Shelburne, N.H.

1917
Sept. 7

- Friday -

Clear as crystal all day, air very cool & crisp.
Rather windy in A.M., calmer in P.M. Venus Venus
seen at 6 P.M. in day-light. Through the tele-
scope it is approaching half O -

There never was a more magnificent day.
This morning I walked with Mrs. W.R.
Gonzalez over the Yellow Trail to Brattle-
ton & Pittsfield. We came upon Miss Brown,
Miss Christiansen & friend at the Utopia Inn.
We staid some time at the Bonds and
returned somewhat late for dinner. Mrs.
Gonzalez returned to Paris Hill this P.M.

This afternoon I read and wrote and
then strolled over to the Pres. Platform
and sat awhile alone. The view of the
big range was wonderfully clear.

Clara Howe & 2 sisters came this
evening for a stay - Mrs. Horace Scudder
& part, came over for dinner. Among the
party was Admiral Stockton. Among
the passengers here from St. Louis is
Admiral Taussig -

This morning before breakfast, with his
friends help, I did up Prof. Hitchcock's
alpine grasses & pines in 3 packages each
under 4 lbs. and packed them on to him
in Washington with a letter
Papaver Rhoeas L. Shirley Poppy. Back vegetable garden. single plant

Euphorbia hirsuta (Linn.) Wiegand. ^{Some & placed}
Clump in back vegetable garden, will not fruit as long as

Large prostrate plant in back vegetable garden
Smaller plants there -

Stellburne, N.H.

1917

Sept. 8

Clear, cool, calm, glorious -

This morning I cleaned the driers. Mr. Shefford called. Later I read on the graves, the memorial service to Mary Morris in Peterborough. Her merit was strongly expressed.

This afternoon Mrs. Mrs. Weatherby & Mrs. W. Sevigny called. They ^{were} returning from a tour about the Keweenaw Lakes. I was so glad to see them & their stay was very brief as they must reach some point for to-night. They were very bright and were much pleased with every thing. I had no time to talk botany. After they left I called on Dr. Sodall & had a pleasant talk with him. He lent me to read "A Student in Arms" by Donald Hawley and I have read some already. It is a fine book.

We found Venus in broad daylight Venus this P.m. It is approaching last Q. The earlier it can be seen in the P.m., the clearer is its outline -

Yesterday on the Yellow Trail near Cataractauen & Min Brom I saw an unclipped buck, doe & fawn!

Roripa sylvestris (L.) Bess.

Station of August 75. upper vegetable garden. It shows no sign of fruiting and it is too late now. There are a good many plants in an area some six feet across.

Shelburne, N.H.

1917

Sept. 9

(1)

Clear and mild, and partly cloudy.

This morning I wrote letters, cleaned dishes, read "A Student in Arms", and saw Dr. Goodale and his grandson who is about to enter the army. Very interesting call.

In the afternoon I read the same book and we saw Mrs. Ellery Clark who called and gave us a box of candies. Ellery is well, but has no work. Then we walked over to the Stone house and called on Miss Leonard, sister to Mrs. Stone. Returning called on the Goodales for a few minutes said goodbye to the Soldier boy who goes to Ipswich to-morrow.

After tea I had a very pleasant talk with Admiral Taussig on the war.

At Miss Scudder's request I sent a small stone from here, six inches across, to Miss Amelia Schwartzy, Adelbywood, South Byfield, Mass. for her Companion Fire Place. Her parents had stayed in Shelburne once -

About 12:30 A.M. a Hummingbird came to the Hummingbird flowers on the piazza as we sat there. It was within 4 ft at one time and its flight was unceasing absolutely. As it hovered I saw that it had a bright yellow throat. After sampling several flowers, it flew away & alighted on a smooth stone bordering a flower bed, where it crawled a while and stretched its neck straight up facing us, some ft off. With my glasses the yellow throat shone. Its tail feathers were tipped with white. The yellow spot on the throat did not extend round the throat.

Shelburne, N.H.

1917

Sept. 9

(2) The Humming Bird appeared again this afternoon. The flight was noisless, excepting that twice I heard a faint buzzing of the wings. It uttered on both occasions a sound resembling chip-chip-chip that seemed unlike the ordinary notes of the species. It buried its bill in the *Hastaria* flowers that were running riot on the piazza floor through the railing, and was at my very feet almost. Once it alighted on the surface of one of the leaves very close to me and sat there a few seconds and its bright golden throat was very conspicuous. Soon it whirled away to fresh fields — I do not understand the yellow throat, for I can find no mention of this in Chapman or Hoffmann. When sucking honey from the flower at my feet the little fellow was so close that I could have reached down and touched him.

^{evidently}
^{pollen}
^{on throat}

Shelburne, N.H.

1917

Sept 10

Cloudy, cool. Min. 39°, max. 57° F.

I have been at home to-day busy about various things. I have finished "A Student In Arms" and I think it is one of, if not the best & highest toned book on the war that I have read. The English is very fine. My plants are largely out of press now. Then I have been getting some doubtful species together to take to Randolph Thursday. I have some 25 new sps. for Shelburne and some doubtful ones.

There have been several callers: Mrs. Evendale, Clara & Lois Howe, Miss Christiansen & Iris and her ma & I am with Nancy & Eric -

This morning New Hampshire was white with frost & snow.

Shelburne N.H.

1917

Sept. 11

Last night, 31° F. dry clear & clouds cold.

The frost killed everything in the garden. This woman has gathered the beans & tomatoes and will do the best she can. She thinks she can ripen the tomatoes which are now green. There are about a peck. We have a number of ripe ones already.

This morning, I went up Crows Nest with Mrs. & Mrs. Gauthier, James Anthony, a lad, this woman. It is as attractive a walk as ever. The view of the big mountains is fine. They are covered with white frost, and Mt. Washington top was clouded.

This afternoon we went over to see Prof. Emerton and his Lelium cuneatum. The rest of the family were off at Dixville Notch. The frost has done its work on tomatoes, squash & the Lily. Many buds seem frozen. It is a shame. The open fireplace in the parlor was cozy and the tea & cake was good.

Evening party at the main house in conversation, and party at home. "United Plain Words from America" by Johnson.

Rubus

About 1 ft. high, rocky ledge Crows Nest.

Erect. 2 branches, not new cane.

³ Rubus

Rocky ledge Crows Nest

About 3 ft. long, erect, bending at the summit

Spikes in fruit and also from end of new cane

Panicum philadelphicum Bernh.

Weed in garden at Little House

Panicum Virgatum Scribn.

Autumnal form, rocky ledge, poor soil, Crows Nest path,

Panicum implicatum Scribn.

Autumnal form, dry soil by Little House.

² Rubus

Rocky ledge of Crows Nest. No new cane. Low.

Stelburne, N.H.

1917

Sept. 12 Clear as crystal, mild. Min. 31° F.

This morning Mr. Robt. Mr. Werner (of Mr. Werner
8 Prescott St., Cambridge, Mass.) called and I showed him came here
the place and we had a long talk of Mendelism
in general as regards transmission of qualities.

Our broom last night picked all the to-
matoes green and will ripen there -

This afternoon (dinner was at 12 M.) a large
number went over to the Whitney Farm to the
auction of Morgan horses of Mr. Stone and
and a number from the Morgan Horse Farm of
Cornwall, N.Y., C.A. Stillman, proprietor, also some
of Stones Welsh Ponies. The proceeds were about
1400⁰⁰ total. The occasion was very interesting.
I met Mr. Sprague's brother there, also
Margaret Cullen, 2 daughters of Sarah Bates,
Barbara Barbare & many friends.

I walked home with Lois Howe,

I took a number of photos -

Evening at home -

Shelburne, N.H.

1917

Sept. 13

Bright, with a little haze, calm, warm.
 This morning I auto'd to the Peases at Randolph reaching there 10.45. Mrs. Anthony & boy were in the car on the way. Dr. Thos. & Henrietta Pease were all in - I had a very nice time. Pease & I spent till dinner over some plants I took over and for a while after dinner. They are Coop Co. plants. Later Mrs. Pease, senior, came over and I had a very pleasant time with her. Then we all got in the auto and Pease drove us over the Shelburne and left me here. He goes back to Urbana to-morrow - The view of Madison & Adams with the various ridges & ravines from the Pease property is very fine -

This Carrie A. Gaustein and Luis A. D. Christensen climbed Shelburne Mtn. today leaving the house at 8 driving to the States, and walking from there. They returned after a very hard tramp about 7.30. They brought back some specimens from the summit which I list of the next page. As records I have put what I could into boxes:

Shelburne, N.H.

1917
Sept 13

(2) Plants collected on the summit of
Shelburne Moriah, N.H. (alt. 3750 ft.) by
Miss A.W. Christensen & Miss Carrie A. Gauthier.
The specimens were given to me for my herbarium.

<i>Dryopteris novae-angliae</i> Gray-	
<i>Abies balsamea</i> (L.) Mill. var. <i>phaeolepis</i> Fernald.	Fruct.
<i>Smilacina trifolia</i> (L.) Desf. <small>{Type H. St. John & W.D. Ad. 2/17}</small>	Part "
<i>Smilacina canadensis</i> Desf.	"
<i>Rubus Chamaemorus</i> L.	Leaves
<i>Potentilla tridentata</i> L.	Part fruit
<i>Empetrum atropurpureum</i> Fernald & Abiesgård	Leaves
<i>Kalmia angustifolia</i> L.	"
<i>Ledum groenlandicum</i> Ceder.	Fruct.
<i>Vaccinium Chamaedaphne calyculata</i> (L.) Moench	Leaves
<i>Vaccinium corymbosum</i> L.	"
" <i>Vitis-idaea</i> L. var. <i>minima</i> Zodd.	"
<i>Solidago Rautii</i> (Porter) Britton, var. <i>nudicaulis</i> (Porter) Fernald	Part fruit

—

Fragments were brought down & seen by me but not preserved.

Ceratodon purpureus (Retz.) Sprng. { I have this in her
Cornus canadensis L.

Cornus stolonifera Michx.

Mt. Moriah (Shelburne Moriah) 1/2 way up.
Collected Miss A.W. Christensen - I kept this. Leaves

Shelburne, N.H.

1917

Sept. 14 Brilliant sunshine, some cloud, mild, a perfect fall day.

I was busy a large part of the morning over the plants from the summit of Moriah. I shall press them for record. I also worked over the plants I took to Randolph yesterday.

This afternoon I, with Miss Brown, walked down to the bog a little below Wheeler's Bog for some *Larix* that grew there. The bog was dry enough to walk out in and I got specimens in fruit. There are a good number of trees around the inner edge of the bog, a small pool of water being in side. On the return we went round by the river & came out at Mrs. Wheeler's where we made a call. Mrs. Wheeler died last September.

After tea Mrs. & Miss Gauthier came up to say good-bye as they are off very early in the morning. We have enjoyed their stay very much.

I collected to-day:

Larix laricina (DuRoi) Koch. Fruit.

Bog a little below Wheeler's Bog on the Wheeler Estate.
Sporobolus *Andropogon segrassinus* Michx.

Gravelly bank of river, Wheeler Estate
~~(Leucithera~~ ~~beemii~~ ^{for} *mucilosa* L. fide Knobrigand. nov. 16/921

Gravelly bank of river, Wheeler Estate

Hemipachys mucronata (L.) Trel.

Clump in fruit by the Larches above.
Hedodendron canadense (L.) B SP.

Bog by the Larch *Hemipachys* above.
Aster novi belgii L. Gravelly river bank, Wheeler estate.

Shelburne, N.H.

1917

Sept 15

Cloudy with a little rain in P.M., mild.

This morning I spent some time over my photographs which came from Shreve. They are pretty good, but I make mistakes in some way that are annoying, like two exposures on one film &c.

This afternoon I began labelling my plants - I must do them before returning ^{Began to} _{label}. It means so much time - I have made good progress this P.M., & evening -

Shelburne, N.H.

1917

- Sunday -

Sept. 16 Clear most of the day, cloudy in the evening, wonderfully clear, cool -

To-day I have written letters and labelled plants. I hope to finish labelling here.

This afternoon Mrs. Sheffield, Clara Howe & I motored over to Endicott Farm and called on Mrs. Rantoul & Mrs. Macmillan both of whom were at home. We sat on the piazza with the wonderful view of the mountains so like the days of some years ago. They close the house on Wednesday. Mrs. Macmillan goes to Boston and then to Princeton, N.J. Andrew passed none of the preliminary exams and is now studying with "the widow" for the fall exams.

Venus shone brilliantly this evening.

Shelburne, N.H.

1917

Sept. 17. Cloudy, clearing, day fine, mild.

This morning writing and labelling plants. This afternoon I walked with Miss Boom & the Island, first time this season. The pulp on the branches of bush and tree shown high the water rose on June 18 last.

A Fish Hawk alighted in a dead tree for some time opp. the river and finally flew up stream past us. A Blue Heron flew down stream and a pair of Black Ducks passed up in rapid flight. We got back in time for Mrs. Williams & Miss Homans who called to see Venus. Mrs. Sheffield happened in at this time. We found Venus just before sunset at about $5^{\circ} 45'$ and it showed beautifully through the telescope. Its shape was very plain, nearly half-Venus. After all had seen it sufficiently, a cloud covered it and its shape was even more clearly seen. Before long Venus entered the dark portion of the cloud and was seen no more.

Through the terrestrial telescope the top of Caribou with the upturned structure was seen also.

Venus
O

Himantoglossum foliosum (R. S.) ? var.

Polygonum peruvianum L., var. lacivitatum Fernal

Gravelly, stony bar of the river back of the Knobble, covered at high water ~

Shelburne, N.H.

1917

Sept. 18

Clear and cool, glorious -

This morning I worked in my study. About noon I went down to the wet place near the road in Emerson pasture where I got flowering Veratrum viride on June 27 last and we dug up the rooting clump from which I took a flower stalk.

This afternoon after a hurried dinner I auto'd with Howard Philbrook who came here yesterday, to Glen Sta. 30 miles distant. The ride was delightful, with the clear air and fine views. At some distance beyond the Glen House, as we turned a curve in the road, we came upon a fine Red Fox with flowing tail standing in the road. He looked at us a second or two and then leisurely jumped into the thick woods that bordered the road. As we approached Glen Sta. I had a good view of Mt. Pequawket (Kearsarge) with the houses on top. We left Howard at the Sta. and returned home, stopping at Endicot Farm a moment. I saw Mrs. & Ellen Macmillan & Mrs. Rantoul.

After arriving home Prof. Goodale, Mrs. Shufeldt, Clance Howe & Miss Dowdall called. I named a number of plants for Miss Dowdall.

Never looked well in broad daylight.

Evening at the Farm House & at home. Veratrum viride cut. Rooting specimens from the same clump as June 27 - the clump was 1 ft across -

1917

Sept. 19

Shelburne, N.H.

Clear quite warm, but an ideal day -

I have spent much time labelling plants and have made good progress.

It was a great help to have this done before returning home the end of next week.

Mrs. Croswell and Miss Grace called this morning, and this afternoon Admiral & Mrs. Tassie called and we had very nice talk on the piazza. Admiral Tassie entered upon his studies for the navy at the age of fifteen. He is now retired.

I showed them Venus about 5.15 - The new moon was visible low down among light clouds.

This evening I read in the Harvard Grad. mag., and the September Atlantic.

I spent some time this A.M. washing Voratrum out and sectioning the swollen base & vine roots of the Voratrum collected yesterday and getting them into press. I also sectioned the terminal bud all ready to sprout forth next spring -

Sturbridge N.H.

1917

Sept. 20

Cloudy, a little sun rain the late P.M.
Thunder storm with very heavy rain this A.M.
at 2.30. For some time the rain fell in tor-
rents, gullying the paths -

It is Miss Brown's birthday and she has en-
joyed it greatly. We used to make more of
it when we all together -

I wrote letters and labelled plants today
till 4.30, when Mrs. Sheffield & I auto'd in Mr.
Stone's car to Hill Brook Farm to call. Mr.
and Mrs. Charles Rautenk were there. We met Mrs.
Mrs. Stone & Miss Leonard. We sat on the
piazza and talked, drank tea and looked
at the performances of 8 children on
horses and ponies, the Boom, the Edwards,
and Stone children, eight in all. The
litter with canes at rings and they
raced, driving with one hand and holding
in the other a spoon with a potato in
it. Altogether it was a very pleasant
occasion. We were taken home first
before it began to rain.

Evening at the main house & here -

Abies balsamea (L.) Mill. var. pumila (Lam.) Fenzl.

Miss H. St. John
Oct. 2, 1917.

Near top of Cabot, coll. by Lois L. Howe

Branch with 2 cones, tip of bracts larger than the sides & very

Arisaema triphyllum (L.) Schott. ^{var. rivulare}

A very fine enormous fruiting specimen
from a wet spot on the edge of the wood
n.w. corner of Scudder Pasture, brought
me by Miss Brown ~

Stellburne, N.H.

1917

Sept. 21

Cloudy with some sun, cool.

This morning I labelled plants -

This afternoon with Dr. Goodale & Gus I auto'd to Gorham where I did a number of errands. At 5.15 P.M. Miss Christensen came up with some alpine plants she had collected yesterday on the area between the peaks of Madison & Adams. They were the regular alpine species, always of interest.

Evening at home: At 9.45 and for Northern some half hour after, there was a magnificent lights display of northern lights. It is difficult to describe the shooting rays that kept radiating far toward the zenith, quickening as they moved -

Shelburne N.H.

1917

Sept. 22

Clear, cool, fall day —

The trees are beginning to turn, the poplars & birches yellow —

This morning, I worked on my plant ad got my papers in order for home —

Mr. & Mrs. R. M. Werner called this noon and I enjoyed their call very much indeed. Mr. Werner was enthusiastic write the place the peacock, the view and the interior of the home —

This afternoon I called on Dr. Thrus & Joe Goodale and heard much of Robert's enlistment and the camp at Albany —

Joe stays till Monday —

The moon & stars were brilliant before supper.

Evening at home —

This morning I called at the Mowers and Miss Dulm gave me a specimen of *Anthemis Cestulata* —

I have been over the weather for two or three days
Anthemis Cestulata L.

Road side between the village and Philbrook Farm, collected in August by Miss Emily Dulm — She gave it to me to-day as a Shelburne record.

Shelburne, N.H.

1917

Sept. 23 Clear as crystal cool, calm -

I did not have a very good night, but I have kept busy at home over various things connected with getting ready for departure on the 29th. Many plants are nearly out of press and are mostly labelled. I sat on the piazza writing some this morning -

In the afternoon I walked over the Inter-nate with Miss Brown. I hoped to find Killdeer, but failed. A Meadowlark flew up from the Creek & alighted in the Creek again by the Knobble. I followed it and flushed it again and at the same time saw a small flock of Rusties.

A Fish Hawk soared over the river -

Returning to the Farm I was surprised Lawrence to hear that Lawrence and his bride had this bride returned. I saw Lawrence and had a good talk with him, and after supper I met the bride who was very pleasant. I saw her last summer here.

This evening Miss Williams and Miss Homans came to the cottage and we had a good time with the two telescopes and the moon. They were both very much interested and impressed.

The moon was as brilliant as it could possibly be -

A careful count of the number of sheets 433 for this season here amounts to 433- sheets of plants

Shelburne, Vt.

1917

Sept. 24

Clear, cool, glorious, calm -

This morning since 22 of the guests in
4 autos went to Dipville Notch -

I am still not over my trouble, though
I have felt fairly well. A supply of labels
came this morning from Fred Ingalls and I
had worked during the day and finished la-
beling my plants, except some doubtful ones
and those that have been given me.

I have sat on the piazza and this
afternoon I took a walk up to the Red
(unpainted now) house, through the wood road
and back over the intervals to the main
road & back to Hamlin. The sun was setting
and the half moon was growing more and more
bright. Finally clouds came out in big
gloves -

Equisetum arvense L.

A large area in the Hamlin intervalle
west of the road to the bridge was washed
out by the June flood to a depth of 2 to 3
feet. The clayey bottom is now covered
with the sterile plants of Equisetum
arvense. Some of these are absolutely
prostrate and others erect of a bushy character.
I took a specimen of both kinds. The
two former look very different as they grow together.

Shelburne, N.H.

1917

Sept. 25

The heavy valley mist rose as usual though a little later, about 9.30 and the day has been clear with a fine haze - Temp. 76° F.

I am some better today but not right. This morning I labelled the plants given me and named - At 12 M. we walked over to the Presidential Platform and I drew a sketch of the big maple as seen and gave it to Miss Williams for Miss Homans. Miss Homans left this morning -

This afternoon I rested and wrote letters and later had calls from

Charles & Mrs. Rantoul

Admiral & Mrs. Taussig

Clara & Lois Howe

We sat on the platform or piazza and had a pleasant talk.

I saw a bat flying outside my window last at 6 P.M.

This evening Mrs. & Miss Celestineau & their friend Miss came up before the moon. It was a wonderfully brilliant night and the view was perfect.

I received this evening from Mrs. Terry a box of very fine rootling specimens of Dorset ferns which had got for me with the help of a man. I shall lay them out tomorrow. They are fine plants & took much trouble.

They were collected Sept. 23.

Asplenium angustifolium Lichy.
acrostichoides Sw.

Dorset, Vt. Coll Emily H. Terry.
Sept. 23 Sent me fresh -

St Albans, N.H.

1917

Sept. 26

Clear, with hazy distance, calm, mild.

It has been a perfect day - I am much better and trust all trouble is over.

This morning, I called on Frances Johnson and with her husband we examined the spot close by where Peggy & Bonnie were badly poisoned. It was marked with Troy!!

Then with Miss Bonnies help I put into press very fine specimens of the ferns recd yesterday from Mr. Terry. They show the rootstocks most wonderfully -

This afternoon we drove with Lawrence and his wife to Steven Farm to the picnic grounds where last year a specimen of Eupatorium urticacefolium was handed me from the woods, on Sept. 17.

I could not find any, but was pleased to find Osmorhiza longistylis new to Shelburne

On my return I called on Dr. Thos Goodale and had a good, long talk - They go by auto to-morrow to Saco -

- 435 sheets from our collecting to date -

Riccia canadensis (Will.) B.S.P.

This Dr. W. Christensen gave me to-day a specimen of White Spruce from the pasture about a mile above Gates Cottage. It was up the slope there was considerable of Osmorhiza longistylis (Torn.) DC.

Ripe fruiting plant & fruit, sharp wood, Steven Farm, Several places — N.D.

Stellburne, N.H.

1917

Sept 27

Much valley till about 9 A.M. Then the sun came out and the day has been hazy, the sun hot.

I am still under the weather - I have been at home to-day quietly getting ready for departure to-morrow morning. There are so many things to do with my papers, plants some still in press, telescopes, etc., etc. The Rantoul's invited me this morning to auto to Sunday River with them, but I could not think of it. Miss Brown has been very busy in closing the house, packing the jelly, attending to the trunks etc.

The Goodales went this morning by auto to Safo, where Dr. Goodale's brother lives. Both have colds. The Howes go ^{to-morrow} ~~the~~ Blk. by way of Glen Station. The Johnsons go ^{Saturday} ~~tomorrow~~ to want to ^{and} see our neighbors in the Ledge ^{Frances R. Cawley} ^{of Boston} ^{now} ^(of Boston) Mrs. Barker, Miss Pease etc. to Boston ~~tomorrow~~ Saturday.

Miss Barker was here this evening telling us about her work selling groceries for a large Boston firm. It was most interesting.

Mr. Frederick S. Greene of Jefferson N.H. who is here, went with a party to Gentian Pond today. He gave me, on his return, a single stem in late flower from there. He said he walked round the little pond and hunted carefully but succeeded in finding but one stalk -

Gentiana
lutea
etc.
Gentian
Pond.

Shelburne, N.H.

1917
Sept. 28

Showery day with heavy clouds, occasional glimpses of sunshine. Clearing in evening.

I am better to-day & look for the end. We have both been busy doing the last things. I have written a number of letters and my study is all in order.

The Hanes all left in auto for Glen Station. They had a good send-off.

There is nothing special to record.

A very sweet letter from Mildred Kennedy came to-day telling me all about her father.

I have bade all the good people good-bye this evening.

At 8 o'clock I walked on to Sunset Rock and stood a while alone. The leaves were perfectly clear except for a few rich colors floating here & there. The moon near at fall was almost dazzling in brilliancy. This obscured most of the stars, but it shed a heavenly light over the scene and the distant mountains were as visible as in the day light - Arcturus was setting low in the west. Capella had risen in north-east, Vega and Altair were beginning to take their course downward from the zenith, and low in the southeast Fomalhaut was moving westward. It was all very beautiful and I thought of the happy summer now gone -

Shelburne, N.H. to Cambridge Mass.

1917

Sept. 29

Sunny, warm, some clouds -

Home once more - We left the dear spot this morning and bade all our good friends farewell and took the 8.27 train which was on time - We changed on advice, at Yarmouth Junction, and after a brief 10 min. wait took the train on the Maine Central, stepped into a parlor car, and left it at about 3.30 in Boston. It is a splendid way to come home. Reached our home at 4.30 and found Lizzie & Delia waiting to greet us. They had the house in fine order, and had taken the dear portrait down stairs and hung it where it was before, and had arranged 4 or 5 vases of flowers on the piano and in front of the picture. It was all very touching. Home is so dear to me but it is hard at first.

George called in the evening and I showed to a number of my good friends.

